

Board of Governors Highlights

Everyone should feel involved in the search for a new president, said Board Chair John Schlosser, reporting at the Board of Governors regular monthly meeting, 8 April, on the activities of the search committee for a president. He invited those not represented on the committee to write in with their views on the kind of president needed for the '90s. It is important that the process be open and be discussed openly so that it is well understood and people realize how they may take part, Chancellor Tevie Millier stressed.

Endowment Fund for the Future

Disbursement of \$1.645 million in fiscal 1988-89 was approved in respect of the Endowment Fund for the Future (EFF), in accordance with the spending policy for this fund. Last year, \$1.850 million was disbursed. Policies for the fund will be reviewed during 1988.

The EFF was developed as a result of the sale of the University Farm and does not include money received from donors. Among activities supported by the fund are Tory Chairs, McCalla Professorships and the Conference Fund.

Last Year's Cuts and Losses

The past year was a difficult one, Myer Horowitz reported, "in which \$6 million was cut from expenditures, pieces of programs and positions were cut, and in all too many cases people lost their jobs."

The early retirement incentive program encouraged 148 staff members to retire early—the greater proportion being support staff.

In all, 102 positions were deleted on the support side, and 30.5 on the academic side.

Regarding layoffs, 44 non-academic staff positions were abolished. Of the people affected, 20 have been relocated on campus; 8 have resigned or retired; 16 are still on the list for recall.

Finances in the Coming Year

"A major element in the financial picture in the coming year will be the deficit we are incurring," President Horowitz told the Board. Expenses will exceed income by \$6.6 million. Recommended cuts in operations, programs and positions

will save \$2.8 million, leaving \$3.8 million still to be found. When revenue from capital investments ("our heritage fund from the good years") has been injected, there will still be a deficit of \$800,000.

The permitted fee increase has been limited to 3 percent, where 9 percent was forecast, the difference between the two figures being \$1.7 million.

"We anticipate an accumulated deficit of \$4.3 million by March 1989," Dr. Horowitz said, promising that he would continue to try to impress on the Premier and the Minister of Advanced Education the need for a special allocation for 1988-89 to decrease this deficit.

Dr. Horowitz also reported a cut of 24.7 percent in formula capital funding. This funding—used in particular for replacement of outdated equipment, and also for maintenance and normal renovations—has been reduced in three years from \$10.62 million to \$4.91 million, a drop of 56 percent.

Concluding on a more positive note, Dr. Horowitz commented on the support he felt from within the community and also from many elements in the larger community. "A pleasant and very satisfying surprise," he said, "has been the telephone calls I have received from MLAs on both sides of the House asking what they can do because they are concerned." □

FOLIO

University of Alberta

21 April 1988



On Familiar Turf

President Horowitz welcomes a native son and alumnus, The Right Honorable Joe Clark, MP, Secretary of State for External Affairs. Mr. Clark "moved" the External Affairs Department and senior External Affairs officers to Lister Hall for the period 14 to 20 April. During their stay on campus, the officers held a number of public forums.

Let's Hear It for Champion Pandas and Coaches of the Year

Our Pandas are champions.

They won the National University Gymnastics Cup Women's Team Championship in March, and are the only U of A team to have gone on from winning at the western conference to win at the national level, a proud Myer Horowitz told the Board of Governors at their 8 April meeting.

Our coaches are special, too.

Dr. Horowitz also reported that three of them have been named national coaches of the year.

In a cross-country ballot of Canadian Interuniversity Athletic Union coaches, Stephanie Bishop was named women's gymnastics coach of the year (in her first year as head coach); Suzie Smith was chosen women's volleyball coach of the year (in her second year of coaching); and Clare Drake was voted hockey coach of the year for the second time, having received that honor for the first time in 1974-75. □

Contents

- Rutherford Award recipient teaches by 'agenda'
- Employment equity workshop
- Timms Collection Centre 'going public'
- Committee looks to improve safety conditions on campus roadways

Teaching Law By 'Agenda' Rather Than Lecture Notes

It's a beautiful spring afternoon, the sun slanting in through the west-facing windows of Law seminar room 105.

For the 15 students sitting inside, today's topic is easements, a desert-dry bit of legal territory that must be crossed by all who seek the lawyer's hood.

Bruce Ziff passes around his class agenda. "They're not lecture notes," insists this Rutherford Teaching Award winner who joined the Faculty in 1981 and has been quietly improving its teaching ever since.

Vividly, he puts life into the most abstract concepts. The difference between a negative easement and a restrictive covenant, for instance, he compares with leopard versus jaguar.

A particularly complex part of easements is "Russian doll-like: open it up, and you find another set inside."

And when the legal jargon gets really stultifying, he gets up from his seat with a "Jargon ahead!" and makes for the blackboard, chalk in left hand, to create an elegantly

simple diagram to steer by.

He comes well prepared for class. So does many a martinet, with an expert's knowledge of the law. "He seems to understand what it means to be a first-year student," says one former student. It's an aspect of this teacher's memory that many remark on. "His ability to remember names, faces and the character traits that go with them," says one, "borders on the incredible."

Today's class has been asked to study a recent and controversial easement decision (*Shelf Holdings v. Husky Oil*). Each is expected to know the case. But Professor Ziff is looking for more than good memory work. He invites analysis. "How do you feel about this?" he asks, on more than one occasion, sometimes following the question with a straw vote to register response from even the most shy, the least certain.

He's accessible to students. Yet they're agreed that he's tough to get even a passing grade from. One student went to him for mental block relief on the eve of spring finals. "Try reading the case again," she was told. "Not quite what I had in mind," admits Jo-Ann Kolmes. But by exam time, she understood the case and "the necessity of perseverance."

A book-learned lawyer is one thing, a lawyer able to speak up, court can be quite another. In March 1985, Bruce Ziff took a law student team he had supervised and coached to compete in California, in a North American client counselling championship. "The team finished second," says Ted Olson, one of its members. It was the highest placing any Canadian law school had ever got in the championship.

Professor Ziff doesn't have one "teaching method". He admits that over the years he's picked up bits and pieces from many other teachers—at Carleton where he studied political science and was an honors award student, at Ottawa (LLB magnum cum laude) and MLitt (1984) from Oscar Wilde's Oxford alma mater, Magdalen.

He's a demanding, knowledgeable and respected teacher," says his Dean, Tim Christian, in summary. *□

**Scheduling problems prevented publication of the article on the fourth Rutherford Award recipient, Ray Rasmussen. That article will appear next week. The recipients—James Forrest, Dorothy Harris, Ray Rasmussen and Bruce Ziff—will be honored at a reception at University House on 2 May.*

Gunning Lecturer Coming to Us from Harvard

William Klemperer of Harvard University is the lecturer for the 1988 Harry Emmett Gunning Lectures.

It was no mean feat for the Department of Chemistry to "book" Dr. Klemperer. His methods and the results that he has obtained are of great interest not only to chemists but also to astronomers and physicists. If he wished, it would seem that Dr. Klemperer could easily have a second career as a visiting lecturer.

Most of Dr. Klemperer's research has pertained to highly original applications of several spectroscopic methods and related quantum theory to a wide variety of problems in the general areas of molecular structure, energy transfer processes, and chemistry in

interstellar space.

Dr. Klemperer has been teaching and doing research at Harvard continuously since 1954 save for a sabbatical year with the astronomers at Cambridge in England and a two-year term as assistant director for Mathematical and Physical Sciences at the (U.S) National Science Foundation. (He continues to serve the Foundation as chairman of the committee on chemical physics.)

The Gunning Lectures (known until 1982 as the E.H. Boomer Lectures) recognize the contributions of Professor Gunning to the Department of Chemistry from 1957 to the present time.

Dr. Klemperer's lecture topics are listed in the "Talks" section in this issue. □

Conference in Edmonton Tackles Senate Reform

A National Conference on Senate Reform is being held in Edmonton, 5 and 6 May, at the Edmonton Convention Centre, to mark the official inauguration of the Faculty of Law's new Centre for Constitutional Studies.

The conference will explore the role of the Senate and discuss current concerns about the functions and operations of the Upper House.

Premier Don Getty has been invited to officially open the Centre (at press time his acceptance had not been confirmed). The keynote address will be delivered by Senator Lowell Murray, government leader in the Senate

and minister of state for federal-provincial relations.

The program consists of five panel presentations. Speakers include Preston Manning, leader of the Reform Party of Canada; Jeffrey Simpson, political columnist of the *Globe and Mail*; Senator Eugene Forsey; Senator Allan MacEachen, opposition leader in the Senate; and Roy Romanow.

The Centre for Constitutional Studies was established to promote research into constitutional law and policy.

For more information, call Gerald Gall, chair of the conference organizing committee, 432-3349. □

Implementation of Employment Equity

Tuesday, 10 May,
8:30 a.m. to 4:30 p.m.
Banquet Room, Lister Hall

The registration deadline to attend the above workshop has been extended to Tuesday, 26 April. All senior administrators (deans, chairmen, etc., and their associates), administrative and professional officers, and others interested in the program are invited to attend.

The workshop, *Folio* has been told, will not be a tedious restatement of the issue. Rather, it will provide senior staff with an opportunity, through in-depth discussion and examination, to:

- participate in identifying remaining problem areas, within our administrative system, which may obstruct the implementation of an efficient employment equity program, and
- contribute to the formulation, implementation, and development of an effective policy which will ensure elimination of such problem areas.

If you wish to enroll, please call 432-4588 today.

There will be a registration fee of \$25 to cover the luncheon and other overhead costs. □

How Do You Wheel? We'd Like to Know

How often do you cycle to campus? Every day? Once a week, once a month . . . or only when the sun's cracking the sidewalks? However you wheel, Michele Kelly and Lyndon Kinley want to hear from you before the end of term.

"We're collecting data on frequency and routes taken by campus-bound cyclists," says Ms. Kelly, member-at-large of a committee established last week to investigate ways of improving safety conditions on campus roadways.

"We have reason to feel fortunate with our traffic safety record," says Ralph Oliver, chief security officer, Campus Security. (In the past year, there have been half a dozen vehicle accidents, none serious.)

But a near-miss last fall could have changed that record dramatically.

"She's lucky to be alive," says David May, passenger in an eastbound van on 89 Avenue when a female cyclist suddenly rode across a crosswalk, forcing an oncoming car to brake violently. The cyclist immediately rode off, shaking her conviction that she

was in the right.

(She was in the wrong. The city bike law says "walk your bike across busy intersections." For a free copy of city bike laws, contact the city police traffic safety education unit at 421-3555.)

David Norwood, associate vice-president (University Relations), addressed the newly formed (12 April) Bicycles on Campus Committee (BCC) on behalf of President Horowitz. Members are drawn from these involved groups: Physical Plant, Parking, Grounds, Planning and Development, AASUA, Students' Union, NASA, Campus Security, Public Affairs, Edmonton Bicycle Commuters and Campus Bicycle Commuters.

Kelly and Kinley are to report preliminary findings on bike use and paths to the committee's next meeting (28 April), says Doug Langevin (Campus Security), acting chair of the committee.

"The first meeting has brought together a very interesting—and interested—group of people," comments Al Squibb, director of Public Affairs and BCC secretary. □



One Mann's Best Friend

Edmonton-based musician Fred Mann, swears by his multi-geared bike "for recreation and ground transportation." So-called mountain bikes (more accurately, year-around, all-terrain bikes) are increasingly visible on Edmonton streets. Of the 40,000 new bikes sold in the city last year more than half have year-around capability, according to retailers. Meanwhile, fewer than one in ten new owners buys a helmet, the legally required horn or bell, or lights for night riding.

Plans for Timms Collection Centre Take Public Into Account

The first sod will be turned for the Timms Collection Centre in June 1989, Alan Palmer (Planning and Development) told the Board of Governors at their 8 April meeting.

The Centre will take shape on what is now a parking lot at the north-east corner of 87 Avenue and 112 Street, immediately south of the Fine Arts Building. It will use only half the site, the other half being protected for growth.

"An important design feature is that there's more space for the public than is usual in a campus building," Mr. Palmer said. "We want the public to come to the Centre, which will fit into the area both in scale and materials. But it's not a museum and it won't look like one."

The three-level Centre combines two concepts. "Cocooning" provides a safe environment for long-term storage; "zone of safety" offers protection of the collections.

The lowest level (a basement to the north, a plaza to the south) is for storage, curatorial and studio areas. A multi-purpose auditorium provides flexible space for teaching, exhibitions, and receptions.

On the main level are the entrance, archives area, and a delivery area with space for uncrating and inspection.

The top level has exhibition and administration areas, with a second-storey bridge connection to

the Fine Arts Building.

A "first" on campus will be the two levels of underground parking with room for around 500 cars.

From sod-turning to structural completion should take about 16 months. Then will come the logistical challenge of moving the various collections into their new home. □

Time to Count Gas Cylinders

The following statement has been supplied by M.M. Craige, purchasing manager, Materials Management Department.

As an integral part of the University's gas cylinder management system, representatives of the firm of Medigas Alberta Ltd. will be on campus from 2 to 6 May. The purpose of their visit is to complete a campus-wide count of all Union Carbide (Linde) compressed gas

cylinders in the University's possession.

To ensure an accurate count, team members will require access to all campus buildings. It is anticipated that the count will not involve any significant disruption of day-to-day activities on campus.

While performing the count, each supplier representative will carry identification cards issued by the University. □

University to Review HUB Mall Commercial Leases

In response to questions concerning the renewal of commercial leases in HUB Mall, President Myer Horowitz has appointed the former Vice-President (Finance and Administration), Lorne Leitch, to conduct an "arm's length" review of the implementation process related to the revitalization project for HUB Mall.

HUB Mall, owned by the University, was purchased from the Students' Union (SU) in 1976

because the SU ran into financial difficulty.

Several months ago, the University hired a consultant specializing in mall utilization to provide advice on how the Mall could become more commercially profitable. The consultant's report pointed out that by offering a different tenant mix, the Mall could increase its revenue.

Professor Leitch's review will begin immediately and is expected to be completed shortly. □

Faculty Club Race Nears

The "call to post" for the Faculty Club's 3.1 km and 6.2 km race will be shortly before 11 a.m., 23 April.

The short course is one loop around campus (start and finish just east of the Faculty Club); the long course is a two-loop journey.

The entry fee is \$10; entrants are eligible for draw prizes courtesy of the Running Room, the University Bookstore and Labatts. Runners are also encouraged to make a \$25 or more contribution to the Faculty Club Scholarship Fund (tax deductible) to qualify for the draws for Faculty Club gift certificates (one of \$100, two valued at \$50 each).

Registration forms are available at the Campus Fitness and Lifestyle office in the Van Vliet Centre. □

Hinton Area Students Home In On University Education

As part of its continuing efforts to provide more off-campus programs, the Special Sessions Office, Faculty of Extension, has begun a new full-time program at the undergraduate level in Hinton.

In the past, individual courses instead of whole programs were generally offered. The Hinton program is similar in design to programs in Slave Lake, St. Paul and Spruce Grove. These are joint efforts on the part of the local communities, the University of Alberta, and Athabasca University.

The program, arranged in cooperation with the Yellowhead Region Educational Consortium, started in September 1987. There are 27 students, 10 of whom are registered in full-time course loads.

Most of the students are mature students, comments Lloyd Carswell, director of Special Sessions. The age range is from 18 to 55, with the majority being over 21. "These are students," he continues, "who might never have had a chance at a university degree without being able to take courses given near their homes. Many of

them have families and full-time jobs, and, of course, they live far from a university campus. For some, these off-campus courses provide their only opportunity to gain the advantages of a university education. For others, the courses provide an incentive to try something they may never have thought of."

The 11 core courses, chosen with a "great deal of difficulty," enable students to start on a variety of university degree programs, for example, Arts, Education, Business, Science, Physical Education, Nursing, and Home Economics. Courses offered include French 105, Economics 201 and 202, Psychology 260 and 261, Sociology 200 and 201, History 220, and English 210.

While some students are still making up their minds about their university career directions, one member of the group hopes to pursue a degree in Recreational Administration, and others have their sights set on Education or Social Work through the University of Calgary.

Faculties Supportive

"All Faculties were very supportive in helping to set up this program," Carswell says. "The Arts Faculty and the Registrar's Office were particularly helpful in getting the students admitted and registered. As you can imagine, there are always problems registering non-matriculated students. We have had as well a great deal of help from department chairmen and instructors." (Most of the latter are University of Alberta full-time or sessional instructors.) As well, the Forestry Technology School in Hinton provided a multi-purpose classroom and an office for instructors, and opened its cafeteria and dormitories to staff and students who wish to use them.

Next year, Special Sessions would like to repeat the present courses (to attract more recent high school graduates in the area) and offer second-year courses. If funding is available, the program will try to attract more students from Edson, Jasper and Grande Cache. (Financial support for the Hinton program is coming from Advanced Education via the Community Consortium Program Fund which granted \$87,000 this year.) The intent is to offer only the first two years of a general program with emphasis on courses from Arts and Science. "To try to go beyond the second year," says Carswell, "would in the long run

be unfair to the students due to the relatively limited range of courses which could be made available off-campus at the senior level."

The Hinton program has generated a lot of interest both in Hinton and in other parts of the province, Carswell says. Tentative discussions have been held with the Pembina Educational Consortium and the North Peace Educational Consortium to see whether similar programs could be set up in those regions and jointly offered by the University of Alberta and Athabasca University. The University of Alberta is a member of three of the province's five consortia.* □

*This article was written by Ann Stewart in cooperation with Lloyd Carswell.

Faculty Studies 1988-89

Applications for faculty studies (Cameron and Rutherford Libraries) for the 1988-89 academic year are now being accepted. Application forms and the guidelines for allocation are available from department offices or the office of the Chief Librarian, 5-02 Cameron Library.

The closing date for applications is 21 May 1988. □

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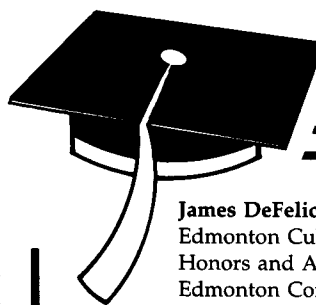
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Activities

James DeFelice (Drama) received the City of
Edmonton Cultural Achievement Award at the Annual
Honors and Awards ceremonies 24 March at the
Edmonton Convention Centre. The award honors
contributions to the development of culture in

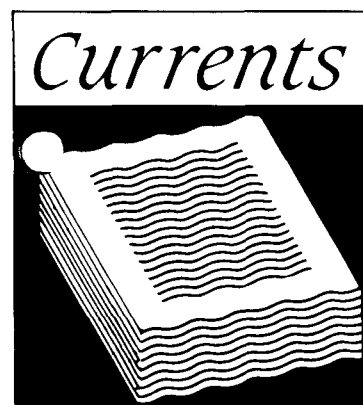
Edmonton . . . Advanced Education Minister Dave Russell has
appointed Edmonton resident Sheila M. Edwards to the
University of Alberta Senate . . . Gary Horlick (Chemistry) has
been named a recipient of an Alberta Achievement Award . . .
William Vanden Born (Plant Science) recently received the 1987
Award for Excellence in Weed Science in Western Canada. The
award, consisting of a plaque and a cash prize, was presented in
Victoria. Dr. Vanden Born has also been selected as a Fellow of
the Weed Science Society of America. Both honors recognize his
contributions in teaching and research as well as contributions to
the profession of weed science . . . Nasrin Rahimieh has been
awarded a SSHRCC Post-doctoral Fellowship which she has
elected to hold in the Department of Comparative Literature
here. She was also awarded a Killam Post-doctoral Fellowship at
Dalhousie which she is accepting on a purely honorary basis. In
the fall, she will travel to Johns Hopkins University in Baltimore
to pursue research at the Centre for Islamic Studies.

Changes to the Deans' List

Last week, Folio touched on the appointments of three Deans and the reappointment of another. A sampling of their credentials follows.

Sheila Bertram, Acting Dean of Library Science since last July, joined the University in 1963, left to pursue graduate studies (MS and PhD in Library Science) and returned in 1970 as an associate professor.

Her teaching interests are collection management, information management and special libraries and information centres. Dr. Bertram moves in several specialized research areas, among them the establishment of databases. Directories, guides to resources, and union lists of periodicals are other interests as is the quick acquisition of items once they have been identified from a database.



Campus Reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), The Department of Anaesthesia is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee on 11, 12 and 13 May. In preparation for this second phase, PACCR invites written comment prior to 10 May. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Anaesthesia Unit Review Committee.

Crack at Canadian Encyclopedia Deal

A reminder from Hurtig Publishers: The special offer extended to University of Alberta staff and alumni regarding the purchase of the *Canadian Encyclopedia* (second edition) expires on 30 April.

A total of 110,000 sets was printed and virtually all of them will have found homes (and bookstores) by the end of April.

The order desk number is 426-2359.

Dr. Bertram is a member of the Association of Library and Information Science Educators, the Library Association of Alberta, the Canadian Association of Library Schools, and the American Society for Information Science.

Her appointment as Dean is of the five-year variety.

Patricia Clements

Patricia Clements, currently a professor in the Department of English, will lead the Faculty of Arts for 4 1/2 years starting 1 January 1989.

Dr. Clements has a special interest in modern writers, women writers and feminist literary history. She and two other women scholars are at work on *A Feminist Companion to Literature in English: Women Writers from the Middle Ages to the Present*. Other work in progress includes a collection of critical essays on modernist women writers as well as various reviews and papers on subjects relating to her studies of Baudelaire and late 19th and early 20th century writing and women's writing in the 20th century.

Dr. Clements was appointed to the English Department in 1970 and has taught first year, senior and graduate courses, and supervised several graduate students. She serves as an assessor of papers and articles for the *Canadian Review of Comparative Literature* and the Canadian Federation of the Humanities as well as for *English Literary Studies*, Princeton University Press.

Gordon Thompson

Gordon Thompson will continue as Dean of the Faculty of Dentistry until 30 June 1989. Dr. Thompson has been Dean since 1978; he was first reappointed in 1983.

Before coming to the University of Alberta, Dr. Thompson was a member of the Dentistry Faculty at the University of Toronto where, at various times, he held a number of administrative positions, including those of assistant dean and associate dean of administration. (He had his own dental practice in Wetaskiwin before moving to Toronto.)

Dr. Thompson studied at the Universities of British Columbia, Toronto and Alberta and holds DDS, MScD and PhD degrees. In 1976, he became a Fellow of the Royal College of Dentists (Canada). He is the author of more than 70 articles relating to dentistry.

Edward Tyrchniewicz

Edward Tyrchniewicz's appointment as Dean of the Faculty of Agriculture and Forestry is for five years effective 1 September 1988. Dr. Tyrchniewicz is currently director of the Transport Institute and professor of agricultural economics at the University of Manitoba.

Dr. Tyrchniewicz is responsible for development and administration of an interdisciplinary program of research, education, and public service in transport in his position as head of the Transport Institute. As a professor of agricultural economics and farm management, his main teaching focus is transportation economics and his research emphasis centres on transportation and handling of agricultural products (particularly grain) in Canada and abroad. Dr. Tyrchniewicz is also responsible for the Faculty of Agriculture's Endowment Fund campaign which involves alumni and the business community.

He is a member of and has sat on the executive committees of a number of professional associations, including the Canadian Agricultural Economics and Farm Management Society, the Manitoba Institute of Agrologists and the Canadian Transportation Research Forum.

Since arriving at the University of Manitoba in 1967 (he received his graduate degrees in agricultural economics from Purdue University), Dr. Tyrchniewicz has directed the Research, Grain Handling and Transportation (Hall) Commission and coordinated the Analysis, Gilson Consultation on Statutory Grain Rates. □

Talks

Mathematics

21 April, 2 p.m. B.M. Schreiber, Wayne State University, "Multilinear Forms Over Locally Compact Groups." 657 CAB.

29 April, 2 p.m. L. Hsiao, Academia Sinica, Beijing, "Stability Effect of Dissipation." 657 CAB.

Animal Science

21 April, 3 p.m. K. Stickland, Economic Council of Canada and president of KenAgra, "Free Trade and Prospects of Animal Industry in the Province." 318J Agriculture-Forestry Centre.

Genetics

22 April, 4 p.m. James C. Fogelman, Department of Biological Science, University of Denver, "Columnar Cacti and Desert *Drosophila*: A Model System

for the Study of Insect-Host Plant Relationships and Ecological Genetics." M-149 Biological Sciences Centre. 27 April, 4 p.m. David B. Kaback, UMDNJ, New Jersey Medical School, "Meiotic Recombination and Segregation of Chromosome I in *Saccharomyces cerevisiae*." G-217 Biological Sciences Centre.

Law

23 April, 9 a.m. Saturday Morning at the Law School—"Wills and Estates." Law Centre.

Anatomy and Cell Biology

26 April, 4 p.m. J. Goldberg, "Expression and Function of Serotonin During Embryonic and Postembryonic Development of *Helisoma Trivolvis*." 5-10 Medical Sciences Building.

Soil Science

28 April, 12:30 p.m. Charles Maulé, PhD candidate, "The Effects of Fall Tillage on Snowmelt Infiltration." 2-36 Earth Sciences Building.

3 May, 12:30 p.m. Ruth Hall, MSc candidate, "Effects of Chromium Loading on Earthworm Activity in an Admended Soil." 2-36 Earth Sciences Building.

H.E. Gunning Lectures

William Klemperer, professor of chemistry, Harvard University, will deliver the following lectures:

2 May. "The Formation of Molecules in Interstellar Space."

3 May. "Molecular Beam Spectroscopy: A Survey of Molecules and Methods."

4 May. "Spectroscopy and Structure of Weakly Bonded Complexes."

5 May. "Structural Characterization of Hydrogen Bonded Complexes." All lectures will begin at 11 a.m., V-107 Physics Building.

Economics

6 May, 3 p.m. Mukesh Eswaran, University of British Columbia, "Credit as Insurance in Agrarian Economies." 8-22 Tory Building.

The Arts

Exhibitions FAB Gallery

Until 24 April. "Pressure"—work by senior printmaking students and "In Obscura"—pinhole photography by VCD students.

Ring House Gallery

Until 29 May. "The Art of Japanese Packages."

Bruce Peel Special Collections Library

Until 30 June. "Goin' to California—the Gold Rush of '48 in first editions and illustrations." B-7 Rutherford South.

Music

23 April, 5 p.m. Jeff Bowen, piano (non-compulsory student recital).

24 April, 8 p.m. Ida Edwards, mezzo-soprano (senior student recital).

27 April, 8 p.m. Kathleen Corcoran, soprano (senior student recital).

28 April, 8 p.m. Jose Buonocorso, candidate for MMus (Composition). Performances in Convocation Hall.

SUB Theatre

24 April, 1:30 and 3:30 p.m. Yamaha Pianos and Organs presents "Spring Concert." 451-3265.

27 April, 8 p.m. Mink Lake presents "New Designer Search." 439-8315.

28 April, 5:30 p.m. The Edmonton Women's Shelter—"Family Variety Show." 426-2525.

29 April, 2 p.m. U of A Hospital School of Nursing 1988 Graduation Ceremony. 432-6728.

Positions

The University of Alberta is an equal opportunity employer.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Faculty of Extension

Tenure-Track Position

Adult Education/Education at a Distance

The Faculty of Extension invites applications for a tenure-track position at the assistant professor level to assist the faculty as a program director in the further development and offering of its continuing professional education program for educators and trainers of adults and to provide assistance to all units of the faculty as a staff resource with respect to designing and delivering educational programs at a distance. The current salary range is \$31,612 to \$45,340. Date of appointment: 1 July 1988 (preferred) or 1 September 1988.

Applicants will be expected to have an educational background to the level of the PhD or equivalent in adult education and experience in the design and delivery of continuing education programs for both campus-based and distance-delivery situations. A high degree of familiarity with all major forms of distance delivery methodologies and technologies is required.

Applicants will be expected to demonstrate scholarly promise, a commitment to research and reflective writing in the area of extension, and a willingness and ability to work with graduate students from other Faculties.

The closing date for applications is 31 May 1988. Material in support of applications must include: a letter of application, a *curriculum vitae*, an abstract of the doctoral dissertation, copies of articles published or in press, and names and addresses of at least three references who can attest to the applicant's experience and scholarly promise.

Applications, together with supporting materials, should be sent to: Dr. Dennis Foth, Dean, Faculty of Extension, University of Alberta, 220 Corbett Hall, Edmonton, Alberta T6G 2G4.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 15 April. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Typist II (Trust), Physical Education and Sport Studies (Fitness Unit), (\$1,263-\$1,568)

Clerk Typist II, Office of Public Affairs, (\$1,263-\$1,568)

Clerk Typist II, University Health Service (\$1,263-\$1,568)

Clerk Steno III, Faculty of Business, (\$1,407-\$1,767)

Clerk Steno III, Faculty of Extension (Local Government Studies), (\$1,407-\$1,767)

Clerk Steno III, Faculty of Extension (Business and Professional Area), (\$1,407-\$1,767)

Clerk Steno III, Physiology (\$1,407-\$1,767)

Clerk Steno III (3/4-Time, Trust), Medicine, (\$1,055-\$1,325) (prorated)

Programmable Typewriter Operator II (Term for 6 months), Materials Management (\$1,407-\$1,767)

Medical Steno, Medicine (Endocrinology), (\$1,568-\$2,003)

Medical Steno, Medicine, (Gastroenterology), (\$1,568-\$2,003)

Medical Steno (Trust), Medicine (Palliative Care) (\$1,568-\$2,003)

Administrative Clerk, Housing and Food Services, (\$1,568-\$2,003)

Offices Services Senior Clerk, University Computing Systems, (\$1,767-\$2,274)

Technician II (Term), Art and Design, (\$1,845-\$2,479)

Technician II (Trust), Pediatrics, (\$1,845-\$2,373)

Technologist I (Trust), Animal Science, (\$2,003-\$2,585)

Administrative Assistant I (Residence Coordinator), Housing and Food Services, (\$2,003-\$2,585)

Administrative Assistant I (Benefits Coordinator), Pension and Benefits Administration, (\$2,003-\$2,585)

Specialist Technician, Medicine and Dentistry (\$2,823-\$3,686)

For vacant Library positions, telephone 432-3339.

Advertisements

Accommodations available

Rent - Hearthstone executive condominium (Riverbend). Furnished, three bedrooms, 2 1/2 baths, air conditioning. Available May for up to 16 months. \$900. No smoking, no pets. 434-9346.

Buying or selling a condominium? Contact your southside condominium specialist. Willma Currah, Royal LePage Realty, 433-9243, 437-7480.

Sale - Windsor Park. Exclusive listing. Clean upgraded bungalow. Front drive, double garage, huge lot. Please call Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Seven large city lots, some ravine. Financing available. Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Private sale - Lendrum, \$117,500.

Spotless, four-bedroom bungalow with study. Close to University. Completely new kitchen, family room with fireplace, two baths, finished basement, double-car garage. Phone 435-0274 evenings.

Sale - Valleyview, close to river, custom-built bungalow, formal dining room, fully developed basement, jacuzzi. Resi Richter, LePage Realty, 483-9432.

Sale - South Westridge, two storeys, five bedrooms, 2,700 sq. ft., pool, ravine, Resi Richter, LePage Realty, 483-9432.

Sale - Millcreek, charming, two-bedroom bungalow. \$69,900. Resi Richter, LePage Realty, 483-9432.

Sale - Grandview. Reduced, owner moving out of province, best value in a prestigious location. For details, call Canada Trust Realty, Sherry Mailo, 468-2100.

Rent - Petrolia, furnished, three-bedroom bungalow. Sunny kitchen, fireplace, piano, non-smokers. Available 1 August 1988-31 July 1989. \$750. 434-4254.

Sale/rent - Attractive, three-bedroom townhouse. Appliances, fireplace. Blue Quill. 433-6719.

Rent - One bedroom, fully equipped. Apartment close to University.

Mid-May to mid-July. \$335. 431-0123.

Rent - University Ave. Cute, compact, 1 1/2-bedroom, basement apartment plus garage. Available 21 May, minimum one year. \$350/month including utilities. 922-4080 evenings.

Rent - Three-bedroom, furnished house. 1 July-31 December. 2 1/2 baths, five appliances, double garage. Redecorated, near Southgate.

\$675/month. 432-3239, 434-4472 (res.).

Rent - Deluxe, fully furnished, one-bedroom apartment, 18th floor river view, pool, sauna, half block from campus. 15 May-31 August. 432-3633, 433-4136.

Sale - Tomahawk, 157 acres, 115 forested boreal and parkland, winterized cabin, naturalist's ideal. 433-6687.

Rent - Two-bedroom, luxury condominium. 11115 80 Ave. Available 15 May. Contact Pat, 433-6135 after 4 p.m.

Sale - Riverbend. Unique, custom-built home with Mediterranean flavor near ravine. Panoramic view from second storey balcony. Five bedrooms, oak floors in living, dining room. Ann Dawrant, Spencer Realty, 436-5250.

Sale - Impressive, contemporary home, 3,500 sq. ft. with a fantastic kitchen, triple garage. Energy efficient construction. Perfect home for executive entertaining with river valley view. Ann Dawrant, Spencer Realty, 436-5250.

Sale - Lake-front cabin on Lake Isle. \$44,900. Phone Wally Hawreluk at Re/Max Realty, 962-8580.

Sale - Ravine property, prestigious southwest location.

Architecturally-designed, custom-built. Needs redecoration. Must be sold. Details, ask for Pat von Borstel, 436-5250, Spencer Real Estate.

Rent - University area, bright, newer, three-bedroom bi-level. Single garage, sundeck, fully furnished.

1 May-1 September. 998-3988.

Rent - House with suite, two blocks to campus. Peter, 439-0714.

Rent - Condominium, available 1 May, 118 St. Jasper. Two bedrooms, six appliances, indoor garage, air conditioned, amenities. \$950.

488-5154.

Rent - Three-bedroom, two-storey, McKernan home. 1 July 1988 for one year. Walking distance to University. \$800/month. 434-6255, 467-5728.

Rent - Parkallen. \$275. One-bedroom apartment (utilities included), single, non-smoking. No pets. 437-2101.

Rent - May-July, fully furnished townhouse. Southside. \$675/month. Ten minutes to University. 435-1710.

Sale - Belgravia bungalow on quiet, tree-lined street, south-facing backyard. Double garage. Call Re/Max Realty ask for Wolf, 469-9653.

Rent - Two-bedroom bungalow, south Garneau, 10943 80 Ave. With self-contained, one-bedroom suite. All appliances. \$740/month. Available 4 June. 432-0445.

Rent - Main floor, comfortable, two-bedroom house. Immediate possession, near ravine. Mrs. Bailey, 421-0119.

Sale - Old Riverbend. Three-bedroom bungalow, 1,700 sq. ft. Main floor laundry, family room with fireplace. Double attached garage. Asking \$139,900

Andrea Hammond, Royal LePage Realty, 436-5080, 435-5640.

Sale - Ravine location, Wolf Willow. Eight years old, two storeys, oak kitchen, jacuzzi, two fireplaces,

neutral decor, finished basement. Huge, south back yard. \$234,900. Andrea Hammond, Royal LePage Realty, 436-5080, 435-5640.

Rent - Study leave home, furnished.

Lendrum. Five bedrooms, two bathrooms, rumpus room. Near school, Southgate. 1-2 years from 1 July 1988. \$850/month. 434-0253, 432-5343.

Rent - Strathearn bungalow. Three bedrooms with two, three-piece bathrooms. Four appliances, fully developed basement, wet bar, garage, carport. Available 1 June. \$625/month. 466-4439.

Rent - London, Kensington.

One-bedroom apartment available July, August, September 1988. Furnished. \$1,200/month. 439-4764.

Sale - Riverbend (Brookside), 5303 143 St. Spacious, two storeys, four bedrooms, two fireplaces, 2,800 sq. ft. plus finished basement. Three-car garage. All brick exterior. Orest Wasiuta, Canada Trust Realty, 468-2100, 435-7462.

Rent - Room/board. Large, bright, quiet room, Windsor Park, one block campus. Mature, non-smoker. Available 1 May. Parking extra, if desired. Phone 439-9080 before 8 p.m.

Rent - Riverbend. Three-bedroom townhouse, fully furnished. Six appliances, cable TV. Non-smokers, family preferred. Fifteen minutes from University. Available August 1988-January 1989. \$800. 430-6024.

Sale - Exclusive new listing. Old Riverbend. Quiet secluded crescent, south sunny backyard. Four bedrooms, family room. Spotless. Easy access to University. \$149,900. Pat von Borstel, Spencer Realty, 436-5250, 437-6540.

Sublet - Deluxe duplex apartment. 2 bedrooms, basement, laundry facilities. Furnished or unfurnished. 9-12 months starting 15 August or 1 September. 433-7792.

Accommodations wanted

Female RN, 31 years, will house-sit starting June. 433-3820, 431-0297.

May-September, 2-3-bedroom house, furnished, close to University for visiting professor. Children 12, 14. 432-5382 days.

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len Playgroups open house, 5 May, 6:30-8:30 p.m. Visit our playschool. Register 3-4-year olds now for September. Parkallen School 6703 112 St. Phone 437-2101 or 437-7345.

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■ YOU COULD BE FORCED TO CHANGE DENTISTS

Only a limited number of dentists participate in these new plans. This is due to the dentist's decisions, or the fact the plan only wants a limited number. If you select this new type of coverage from your employer and your dentist is not included, you will be forced to change to another dentist.

■ TREATMENT LOCATION AND CONDITIONS

Because these new plans will have a limited number of participating dentists, it could be inconvenient for you and your family to see the dentist assigned to you because of location. Many times a dentist who is convenient to your home or place of employment is an important consideration. Wouldn't you rather entrust your family's dental care with someone you know?

■ REMEMBER

Not all dental plans are created equal. Always examine very carefully any plan that requires you to give up certain basic freedoms and claims to give you something for less. Choosing your own dentist is an important decision. We believe you deserve that freedom without restrictions.

For further information contact:
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Macintosh Drop-In Sessions University Computing Systems

UCS will be holding Macintosh drop-in sessions for all levels. These summer sessions will familiarize beginners with the Mac, help novices use it more efficiently, advise on the best use of the LaserWriter, and offer typesetting options. They will be attended by one or more analysts from UCS.

To get maximum benefit from your morning, come with a specific problem or goal. Bring something to work on and your own disks.

The following sessions are available:

4 May 0900 - 1200 in 379 CAB
11 May 0900 - 1200 in 379 CAB
18 May 0900 - 1200 in 379 CAB
25 May 0900 - 1200 in 379 CAB

There is no charge for these sessions, but you must register with the Information Clerk at 5442.

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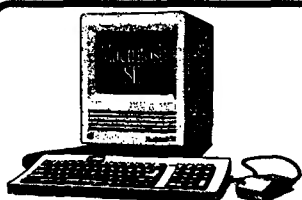
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